

**APPENDIX O**  
**TRAFFIC VOLUMES**

**Table O-1**  
**Summary of Traffic Volumes - South Lake Union Area**

<u>Street/Arterial</u>	<u>Peak Hour</u>		
	<u>A.M.</u>	<u>P.M.</u>	<u>AWDT<sup>a</sup></u>
Interstate 5 South of SR520 Interchange	N/A	N/A	225,217 <sup>b</sup>
W Mercer Street, W of Fairview Ave. N - eastbound	2,018	3,329	42,226
W Mercer Street, W of Westlake Ave. N - eastbound	2,130	2,810	38,502
W Mercer Street, W of 9th Ave. N - eastbound	1,797	2,198	28,861
Aurora Ave. N, S of Thomas St - both directions	1,932	2,159	23,618
Westlake Ave. N, S of Highland Dr- both directions	1,818	2,303	27,502
Westlake Ave. N, N of Highland Dr - southbound	905	793	11,044
Westlake Ave. N, S of Mercer St. - northbound	410	1237	9,317
Denny Way, E of Minor Ave. N - both directions	1,328	1,696	21,570
Denny Way, W of Melrose Ave. - eastbound	759	903	13,016
Denny Way, E of Dexter Ave. - westbound	723	994	12,880
Fairview Ave. N, S of Thomas St. - both directions	846	1,134	13,038
Fairview Ave. N, N of Boren Ave. - southbound	292	358	3,725
Virginia Street, E of 9th Ave. - both directions	352	661	6,228
Virginia Street, W of Boren Ave. - eastbound	233	523	5,354
Virginia Street, E of Terry Ave. - westbound	107	111	1,179

Source: City of Seattle Automatic Traffic Count 1993-1994 (Robertson 1995).

<sup>a</sup> AWDT = Average weekday traffic

<sup>b</sup> 1997 WDOT data. Counts no longer conducted on I-5.

**Table O-2**  
**Summary of Traffic Volumes - Elliott Bay/Queen Anne Area**

<u>Street/Arterial</u>	<u>Peak Hour</u>		
	<u>A.M.</u>	<u>P.M.</u>	<u>AWDT<sup>a</sup></u>
W Mercer Street, W of 1st Av W - eastbound	776	880	11,391
W Mercer Street, E of 1st Av W - westbound	238	375	4,430
W Mercer Street, W of Queen Anne Av - eastbound	805	983	12,708
W Mercer Street, W of 1st Av N - eastbound	1,031	1,123	15,709
Denny Way, W of 1st Av N - both directions	2,742	2,877	33,258
Denny Way, W of 2nd Av - both directions	2,831	2,604	34,337
Denny Way, W of 3rd Av - both directions	2,209	2,469	30,386
Denny Way, W of 4th Av - both directions	1,684	2,267	25,603
Elliott Av W, SE of Harrison St - both directions	3,888	4,460	48,334
Elliott Av W, SE of Western Av - both directions	1,582	1,709	17,989
Elliott Av, N of Clay St - southbound	1,476	1,434	16,373
Elliott Av, N of Vine St - southbound	1,467	1,589	18,462
Elliott Av, N of Cedar St - southbound	1,501	1,500	17,473
Western Av W, SE of 2nd Av W - both directions	2,665	3,048	33,652
Western Av, N of Broad St - southbound	47	113	1,109
Western Av, S of Broad St - northbound	1,228	1,482	16,620
Western Av, S of Cedar St - northbound	1,420	1,597	18,477
Western Av, N of Lenora St - both directions	811	1,256	12,057

**Table O-2 (continued)**  
**Summary of Traffic Volumes - Elliott Bay/Queen Anne Area**

<u>Street/Arterial</u>	<u>Peak Hour</u>		
	<u>A.M.</u>	<u>P.M.</u>	<u>AWDT<sup>a</sup></u>
Queen Anne Av, N of Roy St - southbound	815	590	9,021
Queen Anne Av, N of Mercer St - southbound	1,325	941	15,793
Queen Anne Av, N of Harrison St - southbound	855	587	9,189
Queen Av, S of Harrison St - southbound	782	614	8,736
4th Av, S of Denny Way - northbound	294	695	6,226
4th Av, S of Broad St - northbound	96	156	1,918
4th Av, S of Cedar St - northbound	344	765	7,112
4th Av , N of Lenora St - northbound	677	1,118	10,993
Broad St, E of 9th Av N - westbound	2,162	1,834	28,413
Broad St, SW of 5th Av N - north eastbound	356	818	8,697
Broad St, E of Denny Way - both directions	1,348	1,190	16,918
Broad St, W of Denny Way (to Elliott Av) - both directions	4,264	5,391	62,013
Alaskan Freeway, S of Western Av off-ramp - northbound	3,487	4,057	41,390
Alaskan Freeway, S of Elliott Av on-ramp - southbound	3,562	3,990	41,958
Battery St, N of Bell on-ramp - northbound	2,132	3,227	28,354
Battery St, N of Battery off-ramp - southbound	2,630	2,502	26,525

Source: City of Seattle Automatic Traffic Count 1993-1994 (Robertson 1995).

<sup>a</sup> AWDT = Average weekday traffic